

EPA

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General Introduction

This document is intended as a supplemental guide to the CBP Customs and Trade Automated Interface Requirements (CATAIR), PGA Message Set chapter (also referred to as an implementation guide). The PGA CATAIR chapter outlines the overall data relationships and rules for data submission on a CBP system level.

The PGA Message Set chapter/implementation guide and its related Appendix PGA can be found on CBP.gov at:

http://www.cbp.gov/xp/cgov/trade/automated/modernization/ace_edi_messages/catair_main/abi_catair/catair_chapters/future_pga_set_docs/

The CATAIR chapters and appendices can be found on CBP.gov at:

http://www.cbp.gov/xp/cgov/trade/automated/modernization/ace_edi_messages/catair_main/abi_catair/catair_chapters/

Other related appendices that may be used can be found at:

http://www.cbp.gov/xp/cgov/trade/automated/automated_systems/abi/catair/appendices/

This PGA supplemental guide provides PGA-specific guidance regarding PGA's business requirement for data submission.

REMINDERS: The PGA Message Set does not stand-alone and must be submitted with an entry filing such as an ACE Entry Summary certified for cargo release.

There are times when EPA and CBP may need the same data. In those instances, EPA will not ask for the data to be provided again in the PGA Message Set, if it is already collected by CBP. That is, the PGA Message Set data requirements for EPA will not duplicate those common data elements. Instead, the PGA Message Set is used to provide the additional data needed for EPA's purposes.

EPA Overview

A variety of laws and regulations govern import and export requirements of materials which may pose a risk to human health and the environment. The Environmental Protection Agency (EPA) works with the states, tribes, other federal agencies, and foreign governments to ensure compliance with laws governing the import and export of these materials. The EPA Programs which regulate these imports and exports are:

- Office of Transportation and Air Quality - Vehicles and Engines and Fuels
- Office of Air and Radiation - Ozone Depleting Substances and Hazardous Waste
- Office of Pesticides Protection - Pesticides
- Office of Pollution Protection and Toxics - Toxic and Chemical Substances under the Toxic Substances Control Act (TSCA)



Legal requirements and additional information on import and exports regulated by EPA may be found at: <http://www.epa.gov/compliance/international/importexport.html>
Additional information on compliance information for imports and exports regulated by EPA may be found at the Border Center: <http://bordercenter.org/chem/index.cfm>

Contact information by Programs:

For questions about ODS, please contact:

Elizabeth Whitely Stratospheric Protection Division, Office of Atmospheric Programs, U.S. EPA
(202) 343-9310 or whiteley.elizabeth@epa.gov

For questions about Vehicles and Engines, please contact:

EPA Imports Hotline, Compliance Division, Office of Transportation and Air Quality, U.S. EPA
(734) 214-4100 or send an email to imports@epa.gov

Vehicles and Engines Pilot filing requirements:

The pilot only covers imports that have received EPA certification or have received an EPA Exemption Letter. As such, not all Import Codes are relevant to the pilot. The subsets of Import Codes applicable to the pilot are:

- For 3520-1: A, B, F, G, I K, L or O
- For 3520-21: 1, 3, 4, 10, 11, 12, 16, or 18

Ozone Depleting Substances

EPA regulations issued under Sections 601-607 of the Clean Air Act phase out the production and import of ozone-depleting substances (ODS), consistent with the schedules developed under the Montreal Protocol. The U.S. phase out operates by reducing, in stages, the amount of ODS that may be legally produced or imported into the U.S. The ODS program regulates the imports of Class I and Class II ODS to ensure compliance with the Clean Air Act.

All Class I ODS have been completely phased out for consumptive uses and are only allowed to be imported for exempted uses. Consumption allowances are not required for ODS imported for exempted uses. Class II ODS imported for consumptive uses are subject to import quantity restrictions based on an importer's consumption allowance balance. Not all importers have allowances. Some of the same exemptions that exist for Class I ODS imports exist for Class II ODS (e.g., transformation/feedstock use, destruction). In submitting an ODS PGA Message Set to EPA, Importers are identifying themselves, the commodity, the intended use, and the quantity of the commodity. Importers declare via the PGA Message Set that they have sufficient unexpended consumption allowances to import the ODS, or that consumption allowances are not required because they are imported for an exempted use.

The following are the potential PGA records associated with submitting ODS data for Class I and II ODS:

PG	Description
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ODS Sample 1

ODS Message Set Layout for Sample 1

ODS Message Set Description

Because of the flexibility of the PGA Message set, the PGA Records and Data Elements that are required may vary both from program to program and within a single program. For a more expansive set of examples of EPA PGA Message Sets, please refer to the document *EPA Message Set Samples for Pilot Programs v3.0*.



Record Identifier OI (Input)

This is a mandatory PGA line item description input record that provides the description of the item. This record precedes the Record Identifiers for the PGA Message set.

Record Identifier OI (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“OI”	
Filler	8AN	3-10	M	Space filled.	
Commercial Description	70X	11-80	M	“Monochlorodifluoromethane”	

Record Identifier PG01 (PGA Identifier)

This is a mandatory PGA input record that provides data pertaining to the PGA Line Number, Agency Code, Globally Unique Product Identification Code, Intended Use Code, Intended Use Description, and Disclaimer. The Intended Use code allows EPA to identify whether the imported commodity is restricted by a consumption allowance or not.

Record Identifier PG01 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“01”	
PGA Line Number	3N	5-7	M	“001”	
Government Agency Code	3AN	8-10	M	“EPA”	
Government Agency Program Code	3X	11-13	M	“ODS”	
Government Agency Processing Code	3AN	14-16	N/A		
Electronic Image Submitted	1A	17	N/A		
Confidential Information Indicator	1A	18	N/A		
Globally Unique Product Identification Code Qualifier	4AN	19-22	N/A		
Globally Unique Product Identification Code	19X	23-41	N/A		
Intended Use Code	16X	42-57	C	“130.025” (Intended Use Codes and their descriptions can be found in Appendix R of the CATAIR.) Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Intended Use Description	22X	58-79	N/A		
Disclaimer	1A	80	N/A		

**Record Identifier PG02 (Product Identifier)**

This mandatory PGA input record can be used to indicate whether or not the information being provided relates to a product (P) or a component (C) of a product.

Record Identifier PG02 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 02.	
Item Type	1A	5	M	“P”	
Product Code Qualifier	4AN	6-9	C	“CAS” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	1
Product Code Number	19X	10-28	C	“75-45-6” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Product Code Qualifier	4AN	29-32	N/A	(only one CAS number per product is allowed)	
Product Code Number	19X	33-51	N/A		
Product Code Qualifier	4AN	52-55	N/A		
Product Code Number	19X	56-74	N/A		
Filler	6X	75-80	M	Space fill	

Note 1

Class II Ozone Depleting Substances with HTS codes and CAS #:

HTS Code	Description	CAS #
2903710000	Chlorodifluoromethane (HCFC-22)	75-45-6
2903720020	Dichlorotrifluoroethanes (HCFC-123)	306-83-2
2903799030	Monochlorotetrafluoroethane (HCFC-124)	2837-89-0
2903730000	Dichlorofluoroethanes (HCFC-141b)	1717-00-6
2903740000	Chlorodifluoroethanes (HCFC-142b)	75-68-3
2903750000	Dichloropentafluoropropanes (HCFC-225ca/cb)	422-56-0 (HCFC-225ca) 507-55-1 (HCFC-225cb)



Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 19.	
Entity Role Code	3AN	5-7	M	“IM”	2
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	N/A		
Entity Name	32X	26-57	N/A		
Entity Address 1	23X	58-80	N/A		

Note 2

List of Entity Role codes applicable to EPA-ODS Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper

Record Identifier PG21 (Point of Contact)

This is a conditional PGA input record that provides EPA with data about an Individual and may also be related to an entity (the party) in the PG19. Included in this record are the Individual Name, Telephone Number, Fax Number, and Email address. This record is included so that EPA can validate that the importer has an unexhausted consumption allowance to import the commodity listed in the PG02 record.

<i>Record Identifier PG21 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 21.	
Individual Qualifier	3AN	5-7	M	“IM”	3
Individual Name	23X	8-30	C	“JANE SIMMONS” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Telephone Number of the Individual	15N	31-45	C	“2025551212” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Email Address or Fax Number for the Individual	35X	46-80	C	“JSIMMONS@ELEMENTALIMPORTE RS.COM” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	

Note 3

List of Entity Role codes applicable to EPA-ODS Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper

Record Identifier PG29 (Commodity Net Quantity)

This is a conditional PGA input record that provides EPA with data pertaining to the net or gross unit of measure of the Commodity. If the Commodity is restricted by a consumption allowance, than this record allows EPA to verify that the quantity of the shipment does not exceed the Importers allowance. The quantity of the Commodity being imported will be subtracted from the Importers total Consumption Allowance.

Record Identifier PG29 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 29.	
Unit of Measure (PGA line - net)	3AN	5-7	M	Must be 'KG'	
Commodity Net Quantity (PGA line - net)	12N	8-19	M	"000000030000"	4
Unit of Measure (PGA line - gross)	3AN	20-22	N/A		
Commodity Gross Quantity (PGA line - gross)	12N	23-34	N/A		
Unit of Measure (Individual Unit - net)	3AN	35-37	N/A		
Commodity Net Quantity (Individual Unit - net)	12N	38-49	N/A		
Unit of Measure (Individual Unit - gross)	3AN	50-52	N/A		
Commodity Gross Quantity (Individual Unit - gross)	12N	53-64	N/A		
Filler	16X	65-80	M	Space fill	

Note 4

This field is zero filled and has two (2) implied decimal places; therefore "000000030000" represents 300.00.





Record Identifier OI (Input)

This is a mandatory Partner Government Agency line item description input record that provides the description of the item. This record precedes the Record Identifiers for the PGA Message set. The OI record is a generic description record. The Record Identifier OI does not have to be repeated with each set of the PGA Record Identifiers as long as the reporting agency has not changed and the description has not changed.

Record Identifier OI (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“OI”	
Filler	8AN	3-10	M	Space filled.	
Commercial Description	70X	11-80	M	“CHLORODIFLUOROMETHANE”	

Record Identifier PG01 (PGA Identifier)

This is a mandatory PGA input record that provides data pertaining to the PGA Line Number, Agency Code, Globally Unique Product Identification Code, Intended Use Code, Intended Use Description, and Disclaimer. The Intended Use code allows EPA to identify whether the imported commodity is restricted by a consumption allowance or not.

Record Identifier PG01 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“01”	
PGA Line Number	3N	5-7	M	“001”	
Government Agency Code	3AN	8-10	M	“EPA”	
Government Agency Program Code	3X	11-13	M	“ODS”	
Government Agency Processing Code	3AN	14-16	N/A		
Electronic Image Submitted	1A	17	N/A		
Confidential Information Indicator	1A	18	N/A		
Globally Unique Product Identification Code Qualifier	4AN	19-22	N/A		
Globally Unique Product Identification Code	19X	23-41	N/A		
Intended Use Code	16X	42-57	C	“150.012” (Intended Use Codes and their descriptions can be found in Appendix R of the CATAIR.) Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Intended Use Description	22X	58-79	N/A		
Disclaimer	1A	80	N/A		

Record Identifier PG02 (Product Identifier)

This mandatory PGA input record can be used to indicate whether or not the information being provided relates to a product (P) or a component (C) of a product.

Record Identifier PG02 (Input)					
Data Element	Length/Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 02.	
Item Type	1A	5	M	“P”	
Product Code Qualifier	4AN	6-9	C	“CAS” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	1
Product Code Number	19X	10-28	C	“75-45-6” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Product Code Qualifier	4AN	29-32	N/A	(only one CAS number per product is allowed)	
Product Code Number	19X	33-51	N/A		
Product Code Qualifier	4AN	52-55	N/A		
Product Code Number	19X	56-74	N/A		
Filler	6X	75-80	M	Space fill	

Note 1

Class II Ozone depleting substances with HTS codes and CAS #:

HTS Code	Description	CAS #
2903710000	Chlorodifluoromethane (HCFC-22)	75-45-6
2903720020	Dichlorotrifluoroethanes (HCFC-123)	306-83-2
2903799030	Monochlorotetrafluoroethane (HCFC-124)	2837-89-0
2903730000	Dichlorofluoroethanes (HCFC-141b)	1717-00-6
2903740000	Chlorodifluoroethanes (HCFC-142b)	75-68-3
2903750000	Dichloropentafluoropropanes (HCFC-225ca/cb)	422-56-0 (HCFC-225ca) 507-55-1 (HCFC-225cb)

Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1. This record is used to identify the entities and facilities (foreign & domestic) associated to this shipment.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 19.	
Entity Role Code	3AN	5-7	M	“IM”	2
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	N/A		
Entity Name	32X	26-57	N/A		
Entity Address 1	23X	58-80	N/A		

Note 2

List of Entity Role codes applicable to EPA-ODS Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper

Record Identifier PG21 (Point of Contact)

This is a conditional PGA input record that provides EPA with data about an Individual and may also be related to an entity (the party) in the PG19. Included in this record are the Individual Name, Telephone Number, Fax Number, and Email address. This record is included so that EPA can validate that the importer has an unexhausted consumption allowance to import the commodity listed in the PG02 record.

<i>Record Identifier PG21 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 21.	
Individual Qualifier	3AN	5-7	M	“IM”	3
Individual Name	23X	8-30	C	“JANE SMITH” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Telephone Number of the Individual	15N	31-45	C	“6172345678” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Email Address or Fax Number for the Individual	35X	46-80	C	“J.SMITH@CHEMICALIMPORT.COM” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	

Note 3

List of Entity Role codes applicable to EPA-ODS Message Sets

Data Element	Code	Description
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper



Record Identifier PG29 (Commodity Net Quantity)

This is a conditional PGA input record that provides EPA with data pertaining to the net or gross unit of measure of the commodity. If the Commodity is restricted by a consumption allowance, than this record allows EPA to verify that the quantity of the shipment does not exceed the Importers allowance. The quantity of the Commodity being imported will be subtracted from the Importers total Consumption Allowance.

Record Identifier PG29 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 29.	
Unit of Measure (PGA line - net)	3AN	5-7	M	Must be 'KG'	
Commodity Net Quantity (PGA line - net)	12N	8-19	M	"000002000000"	4
Unit of Measure (PGA line - gross)	3AN	20-22	N/A		
Commodity Gross Quantity (PGA line - gross)	12N	23-34	N/A		
Unit of Measure (Individual Unit - net)	3AN	35-37	N/A		
Commodity Net Quantity (Individual Unit - net)	12N	38-49	N/A		
Unit of Measure (Individual Unit - gross)	3AN	50-52	N/A		
Commodity Gross Quantity (Individual Unit - gross)	12N	53-64	N/A		
Filler	16X	65-80	M	Space fill	

Note 4

This field is zero filled and has two (2) implied decimal places; therefore "000002000000" represents 20,000.00.

Record Identifier PG01 (PGA Identifier)

This is a mandatory PGA input record that provides data pertaining to the PGA Line Number, Agency Code, Globally Unique Product Identification Code, Intended Use Code, Intended Use Description, and Disclaimer. The Intended Use code allows EPA to identify whether the imported commodity is restricted by a consumption allowance or not.

Record Identifier PG01 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“01”	
PGA Line Number	3N	5-7	M	“002”	
Government Agency Code	3AN	8-10	M	“EPA”	
Government Agency Program Code	3X	11-13	M	“ODS”	
Government Agency Processing Code	3AN	14-16	N/A		
Electronic Image Submitted	1A	17	N/A		
Confidential Information Indicator	1A	18	N/A		
Globally Unique Product Identification Code Qualifier	4AN	19-22	N/A		
Globally Unique Product Identification Code	19X	23-41	N/A		
Intended Use Code	16X	42-57	C	“180.013” (Intended Use Codes and their descriptions can be found in Appendix R of the CATAIR.) Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Intended Use Description	22X	58-79	N/A		
Disclaimer	1A	80	N/A		

Record Identifier PG02 (Product Identifier)

This mandatory PGA input record can be used to indicate whether or not the information being provided relates to a product (P) or a component (C) of a product.

Record Identifier PG02 (Input)					
Data Element	Length/Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 02.	
Item Type	1A	5	M	“P”	
Product Code Qualifier	4AN	6-9	C	“CAS” Conditional – current submission is voluntary pending required reporting via EPA rulemaking	5
Product Code Number	19X	10-28	C	“75-45-6” Conditional – current submission is voluntary pending required reporting via EPA rulemaking	
Product Code Qualifier	4AN	29-32	N/A	(only one CAS number per product is allowed)	
Product Code Number	19X	33-51	N/A		
Product Code Qualifier	4AN	52-55	N/A		
Product Code Number	19X	56-74	N/A		
Filler	6X	75-80	M	Space fill	

Note 5

Class II Ozone Depleting Substances with HTS codes and CAS #

HTS Code	Description	CAS #
2903710000	Chlorodifluoromethane (HCFC-22)	75-45-6
2903720020	Dichlorotrifluoroethanes (HCFC-123)	306-83-2
2903799030	Monochlorotetrafluoroethane (HCFC-124)	2837-89-0
2903730000	Dichlorofluoroethanes (HCFC-141b)	1717-00-6
2903740000	Chlorodifluoroethanes (HCFC-142b)	75-68-3
2903750000	Dichloropentafluoropropanes (HCFC-225ca/cb)	422-56-0 (HCFC-225ca) 507-55-1 (HCFC-225cb)

Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1. This record is used to identify the entities and facilities (foreign & domestic) associated to this shipment.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 19.	
Entity Role Code	3AN	5-7	M	“IM”	6
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	N/A		
Entity Name	32X	26-57	N/A		
Entity Address 1	23X	58-80	N/A		

Note 6

List of Entity Role codes applicable to EPA-ODS Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper

Record Identifier PG21 (Point of Contact)

This is a conditional PGA input record that provides EPA with data about an Individual and may also be related to an entity (the party) in the PG19. Included in this record are the Individual Name, Telephone Number, Fax Number, and Email address. This record is included so that EPA can validate that the importer has an unexhausted consumption allowance to import the commodity listed in the PG02 record.

<i>Record Identifier PG21 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 21.	
Individual Qualifier	3AN	5-7	M	“IM”	7
Individual Name	23X	8-30	C	“JANE SMITH” Conditional – current submission is voluntary pending required reporting via EPA rulemaking	
Telephone Number of the Individual	15N	31-45	C	“6172345678” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Email Address or Fax Number for the Individual	35X	46-80	C	“J.SMITH@CHEMICALIMPORT.COM” Conditional – current submission is voluntary pending required reporting via EPA rulemaking	

Note 7

List of Entity Role codes applicable to EPA-ODS Message Sets

Data Element	Code	Description
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper

Record Identifier PG29 (Commodity Net Quantity)

This is a conditional PGA input record that provides EPA with data pertaining to the net or gross unit of measure of the Commodity. If the Commodity is restricted by a consumption allowance, than this record allows EPA to verify that the quantity of the shipment does not exceed the Importers allowance. The quantity of the Commodity being imported will be subtracted from the Importers total Consumption Allowance.

Record Identifier PG29 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal PG.	
Record Type	2N	3-4	M	Must always be 29.	
Unit of Measure (PGA line - net)	3AN	5-7	M	Must be 'KG'	
Commodity Net Quantity (PGA line - net)	12N	8-19	M	"000001000000"	8
Unit of Measure (PGA line - gross)	3AN	20-22	N/A		
Commodity Gross Quantity (PGA line - gross)	12N	23-34	N/A		
Unit of Measure (Individual Unit - net)	3AN	35-37	N/A		
Commodity Net Quantity (Individual Unit - net)	12N	38-49	N/A		
Unit of Measure (Individual Unit - gross)	3AN	50-52	N/A		
Commodity Gross Quantity (Individual Unit - gross)	12N	53-64	N/A		
Filler	16X	65-80	M	Space fill	

Note 8

This field is zero filled and has two (2) implied decimal places; therefore "000001000000" represents 10,000.00.

Vehicles and Engines (V&E)

Vehicles and Engines Pilot filing requirements:

The pilot only covers imports that have received EPA certification or have received an EPA Exemption Letter. As such, not all Import Codes are relevant to the pilot. The subsets of Import Codes applicable to the pilot are:

- For 3520-1: A, B, F, G, I K, L or O
- For 3520-21: 1, 3, 4, 10, 11, 12, 16, or 18

The Clean Air Act prohibits importation into the U.S. of any motor vehicle, motor vehicle engine, non-road engine, or equipment that does not conform to EPA emission standards and requirements. U.S. EPA emission standards have been in effect for light-duty motor vehicles since 1968, motorcycles since 1978, heavy-duty on-highway engines since 1970, non-road engines since 1996, marine engines since 1997, and recreational vehicles (dirt bikes, ATVs, ORUVs, and snowmobiles) since 2006. These standards apply to new or used vehicles and engines, including, imported motor vehicles, heavy-duty engines, non-road engines, and recreational vehicles, whether manufactured domestically or abroad.

Vehicle and Engine imports are separated into two regulatory categories based on the EPA Forms 3520-1 and 3520-21. Form 3520-1 is used for importing light-duty, on-road vehicles and engines such as passenger vehicles, highway motorcycles, and corresponding engines. Form 3520-21 is for heavy-duty highway engines and non-road engines. Both forms have a corresponding PGA Message Set, demonstrated by the following V&E Samples.

The following are the potential PGA records associated with submitting V&E Data regulated by forms 3520-1 and 3520-21.

PG Record	Description
OI	The commercial description of the shipment
PG01	Identifies the shipment as regulated by EPA under the vehicles and engines program
PG02	Product Identifier
PG24	Import & Industry Codes and Remarks
PG07	Model, Manufacture Date, and Item Identity Numbers
PG08	Report multiple item identity numbers
PG14	Licenses, Permits, Certificates, or Exemptions issued by EPA
PG19	Entity Role, Entity Identification, Entity Name, and Entity Address 1
PG20	Entity Address line 2, Apartment/Suite, City, State, and Zip/Postal Code
PG21	Individual Name, Telephone Number, Fax Number, and Email address
PG55	Identifies Entity from the previous PG19, PG20, PG21 group as having additional roles



PG22	Importers Substantiating Documents, Document Identifiers, Conformance Declarations, and Declaration Certifications
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V&E Sample 1

A shipment containing a Lamborghini Aventador is imported into the United States by a Non-Resident for personal use over a period less than a year. Because this vehicle is intended for on-road use, the Importer files the Entry under the EPA-V&E Form 3520-1.

EPA-V&E Data Map from Existing V&E Form 3520-1:

Form Approved OMB 2060-0095

United States Environmental Protection Agency
Declaration Form
Importation of Motor Vehicles and Motor Vehicle Engines Subject to Federal Air Pollution Regulations

U.S. EPA, Compliance & Innovative Strategies Division, 2000 Taskwood Drive, Ann Arbor, MI 48105 <http://www.epa.gov/3520-1> Phone (734) 214-4100; Fax (734) 214-4676

This form must be submitted to the U.S. Customs and Border Protection (Customs) (42 USC 7522, 7601; 19 CFR 12.73) for each motor vehicle (including motorcycles, disassembled vehicles, kit cars, light-duty vehicle/motorcycle engines) imported into the U.S., except that this form is not required for motor vehicles that are imported by their original manufacturer and are new and are covered by an EPA certificate of conformity and bear an EPA emission control label. One form per shipment may be used, with attachments including all information required to fully describe each vehicle or engine as below. Check the box below indicating the provisions under which you are importing this vehicle or engine. Offroad vehicles/engines and heavy-duty engines must use form 3520-21. Note: Although only imports using codes O, I, K, L, M-3, and O require specific written authorization from EPA, Customs may request EPA review of importer documentation and eligibility for any import using this form. A nonconforming vehicle that is ineligible for the exemptions or exclusions listed below, must be imported through an independent commercial importer (ICI) under codes A, C, J, or Z. For codes A, C, J, and Z, EPA does not authorize the release to the vehicle owner.

Penalties: Any person who knowingly makes any false or fraudulent statement, or omits or conceals a material fact can be fined up to \$250,000 or imprisoned for up to 5 years, or both (18 USC 1001). Any person who improperly imports a motor vehicle (including a motorcycle) or engine may be fined up to \$32,500 per vehicle or engine (42 USC 7524), and may be subject to forfeiture of the entire importation bond, if applicable (40 CFR 85.1513), and the U.S. Customs Service may seize the vehicle or engine (19 CFR 162.21).

Description and Declaration of Motor Vehicle or Motor Vehicle Engine (Note: Heavy-duty Engines must use form 3520-21)

1. Port code: 2147	2. Entry date: (mm/dd/yyyy) 04/13/2014	3. Customs entry number: DFG-4567890-1	4. Vehicle Identification Number (VIN), or engine serial number: ZHWUJ16M4CLAU PG07
5. Manufacture date (mm/yyyy): 05/2014 PG07		6. Manufacturer (make): Lamborghini PG19	
7. Model: LP700-4 PG07			

Names, Addresses, and Telephone Numbers of Relevant Parties **PG22**

Certification: I certify that I have read and understand the purpose of this form, the penalties for falsely declaring information, or for providing misleading information, or for concealing a material fact. The information I have provided is correct, and all required attachments are appended to this form. I authorize EPA Enforcement Officers to conduct inspections or testing permitted by the Clean Air Act. I am the owner, importer, or agent for the owner or importer.

9. Importer (code B: must be certificate holder or their agent for shipments of new vehicles prior to introduction into commerce; codes A, C, J, Z: must be ICI): Angelo Giovanni 1234 Mapleleaf Avenue San Diego, CA 92169, US PG19/PG20	10. Owner: Angelo Giovanni 1234 Mapleleaf Avenue San Diego, CA 92169, US PG55	11. Storage location: N/A	12. Signature: PG22
13. Date: 04/21/2014 PG22			
14. E-mail (copy and phone (type or print)): Angelo Giovanni (555) 123-0123 angelo.giovanni@test.com PG21			

U.S. conforming and "Identical" vehicles

☐ **code B - U.S. certified** - unmodified vehicle bearing a U.S. EPA emission control label in engine compartment (or on motorcycle frame) in English.

☐ **code F - U.S. certified, catalyst restoration** - U.S. certified vehicle as described above, except that the catalyst, oxygen sensors or fuel filter neck restrictor were removed or damaged. The importer attests that the catalyst and oxygen sensors and fuel filter neck restrictor, as applicable, will be re-installed or replaced after importation. If leaded gasoline was used, the importer attests that after importation (1) the fuel tank will be drained and refilled with unleaded gasoline, (2) the catalyst and oxygen sensors, if they were left on the vehicle during use of the leaded gasoline, will be replaced, and (3) the fuel filter neck restrictor will be checked and replaced as necessary. No bond or EPA approval is required.

☐ **code EE - identical in all material respects to a U.S. certified version** - either 1) Canadian vehicle (proof required e.g. Canadian emission control label, registration or title, or letter from the U.S. or Canadian manufacturer representative on letterhead verifying manufacture for sale in Canada) on EPA list of Canadian "identical" models, or 2) vehicle from any country with letter attached to this form from the manufacturer's U.S. representative on letterhead (not a dealer or mechanic) stating that the vehicle is identical to a U.S. EPA certified version with respect to emissions. The importer attests that vehicle is being imported for purposes other than resale or lease. For import of "identical" Canadian vehicles for resale, use code FF.

☐ **code FF - Canadian "identical" models imported for resale or lease** - Canadian vehicle as described above appearing on EPA list of Canadian "identical" models, imported for resale or lease. The importer attests that the importer will satisfy applicable labeling, warranty and CAFE requirements as specified by EPA.

EPA exempted vehicles

☐ **code M - miscellaneous exemption**, either 1) Canadian vehicle as described above (proof required) and the importer is either permanently emigrating to the U.S. or will reside in the U.S. for greater than one year under a worker or student visa, or 2) Canadian vehicle received by U.S. resident through inheritance, or 3) EPA hardship letter based on unforeseen and extraordinary circumstances is attached to this form.

☐ **code E - vehicle at least 21 years old** (calendar year of manufacture subtracted from year of importation) and in original unmodified configuration is either exempted or excluded from EPA emission requirements, depending on age. Vehicles at least 21 years old with replacement engines are not eligible for this exemption unless they contain equivalent or newer EPA certified engines. Customs may require proof of vehicle age.

EPA Form 3520-1 (Rev. 10-10) Previous editions are obsolete

Vehicle Identification Number (VIN):

VIN numbers are captured on the PG07 line in spaces 64 to 76 and identified by the code "AKG" in spaces 61 to 63.

Manufacture Date:

Date the Vehicle was manufactured is located on the PG07 line in spaces 55 to 60.

Manufacture (Make):

The name of the Manufacturer is found on a PG19 line in spaces 26 to 36 identified by the code "MF" in spaces 5 to 6.

Model: The model name of the Vehicle is located on a PG07 line in spaces 40 to 46.

Certification

Statement: The certification statement is represented by the code "EP2" in spaces 21 to 23 on the PG22 line.



PGA supplemental - Customs and Trade Automated Interface Requirements



United States Environmental Protection Agency	
Excluded vehicles	
<input type="checkbox"/> code L - racing vehicle as determined by EPA and may not be registered or licensed for use on or operated on public roads or highways (40 CFR 85.1511(a)). EPA letter of approval must be attached to this form.	
<input type="checkbox"/> code U - 2005 model year (or older) motorcycle, scooter or moped with engine displacement less than 50cc and with rated speed greater than 5000 rpm.	
<input type="checkbox"/> code W - non-chassis-mounted engine to be used in a light-duty vehicle or light-duty truck or motorcycle which is currently covered by an EPA certificate or will be covered by an EPA certificate prior to introduction into commerce.	
<input type="checkbox"/> code Y - unregulated fuel - a vehicle that: (1) for model years earlier than 1991 operates on fuel other than gasoline or diesel fuel, or (2) for 1991-1996 model years operates on fuel other than gasoline or diesel or methanol fuel, or (3) for 1997 and later model years operates on fuel other than gasoline or diesel or methanol or ethanol or compressed natural gas (CNG) or liquid petroleum gas (LPG), including propane. This exemption does not apply to 2004 and later model year vehicles.	
Temporary imports	
<input type="checkbox"/> code G - imported for repair or alteration in accordance with 40 CFR 85.1511(b)(1). May not be registered or licensed for use on, or operated on public roads or highways, or sold or leased in the U.S. Customs bond required. EPA requests that the vehicle be bonded for at least its full value. EPA letter of approval must be attached to this form.	
<input type="checkbox"/> code I - imported for testing purposes in accordance with 40 CFR 85.1511(b)(2). May not be registered or licensed for use on or operated on public roads or highways (except operation that is integral to the purpose of the testing program) or sold or leased in the U.S. Customs bond required. EPA requests that the vehicle be bonded for at least its full value. EPA letter of approval must be attached to this form.	
<input type="checkbox"/> code K - imported for display (solely for public or business purposes, and not for private purposes or U.S. market sales promotions) in accordance with 40 CFR 85.1511(b)(4). May not be registered or licensed for use on or operated on public roads or highways (except operation that is integral to the purpose of the display) or sold or leased in the U.S. Customs bond required. EPA requests that the vehicle be bonded for at least its full value. EPA letter of approval must be attached to this form.	
<input type="checkbox"/> code N - imported for up to one year by member of the armed forces or personnel of a foreign government on assignment to the U.S., for whom free entry has been authorized in writing by the U.S. Department of State, or a member of the armed forces of a foreign country with official orders for duty in the U.S.	
<input checked="" type="checkbox"/> code O - imported by nonresident for personal use by an individual for a period up to a year	EPA letter of approval must be attached to this form.
PG24	PG14
Independent commercial importer (ICI) imports	
<input type="checkbox"/> code P - imported by an ICI for modifications in accordance with a valid EPA certificate of conformity issued for the specific make, model, and model year in accordance with 40 CFR 85.1506.	
<input type="checkbox"/> code C - imported by an ICI for modification and testing in accordance with 40 CFR 85.1509. Vehicle must be at least 6 years old.	
<input type="checkbox"/> code J - imported by an ICI for the purpose of pre-certification testing in order to obtain an EPA certificate of conformity. No EPA approval is required. The ICI has 180 days to obtain a certificate or export (40 CFR 85.1511(b)(3)). Customs bond required.	
<input type="checkbox"/> code Z - imported by an ICI for the purpose of modifying to be identical to an original equipment manufacturer (OEM) certified version in accordance with written instructions from the OEM that are specific to the vehicle being imported.	
OEM imports	
<input type="checkbox"/> code H - imported, owned, and controlled directly by an original equipment manufacturer (OEM) on EPA list of OEM certificate holders provided to Customs, for research, development or testing purposes in accordance with 40 CFR 85.1706. This is a temporary exemption without time limit. If the vehicle is subsequently covered by an applicable EPA certificate of conformity, it is released from the restrictions of this exemption.	
<input type="checkbox"/> code Q - imported, owned, and controlled directly by an original equipment manufacturer (OEM) on EPA list of OEM certificate holders provided to Customs, for storage pending receipt of the applicable EPA certificate of conformity, which is pending and imminent. Use of this code is no longer permitted once EPA has issued the applicable certificate of conformity.	
U.S. Department of Transportation Requirements	
Note: Importers of vehicles that are primarily manufactured for use on public roads must also file an HS-7 Declaration form to identify the basis for the vehicle's admission under the laws administered by the U.S. Department of Transportation. For more information, see www.nhtsa.dot.gov/foia/rules/import/ .	
Paperwork Reduction Act Notice	
This information is collected to ensure that motor vehicles and engines imported into the U.S. conform with applicable emission requirements. Responses to this collection are mandatory (40 CFR 85.1011(a)(2), and Clean Air Act Sections 203 and 208). Information submitted to the Agency under a claim of confidentiality will be safeguarded according to policies set forth in Title 40, Chapter I, Part 2, Subpart B. The public reporting and recordkeeping burden for this collection of information is estimated to average 30 minutes per response, burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques, to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2022), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.	

Importer: Importer entity information is represented by a PG 19, 20, and 21 set.

Owner: Because the Owner is the same individual as the importer, a PG 55 record is used rather than duplicating a PG19, 20, 21 set.

Signature: The signature of the individual certifying the PGA Data is found on the PG22 line, represented by the code "Y".

Date: Date certification was signed is located on the PG22 line in spaces 26 to 33.

Certifying Individual: Because the Certifying individual is the same as the Importer a PG55 record is used rather than duplicating a PG19, 20, 21 set.

Import Code: The import code is located on a PG24 line in space 9, identified by the code "EP2" in spaces 5 to 7.

EPA Letter of Approval: The EPA Letter of Approval exemption number is located on PG14 line in spaces 8 to 30 and identified by the code "EP9" in spaces 6 to 8.

Record Identifier OI (Input)

This is a mandatory Partner Government Agency line item description input record that provides the description of the item. This record precedes the Record Identifiers for the PGA Message set. The OI record is a generic description record.

Record Identifier OI (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“OI”	
Filler	8AN	3-10	M	Space fills.	
Commercial Description	70X	11-80	M	“Lamborghini Aventador”	



Record Identifier PG01 (PGA Identifier)

This is a mandatory PGA input record that provides EPA with data pertaining to the PGA Line Number, Agency Code, Agency Program Code, and whether e-documents were sent via Document Image System (DIS).

Record Identifier PG01 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“01”	
PGA Line Number	3N	5-7	M	“001”	
Government Agency Code	3AN	8-10	M	“EPA”	
Government Agency Program Code	3X	11-13	M	“VNE”	
Government Agency Processing Code	3AN	14-16	N/A		
Electronic Image Submitted	1A	17	C	Not part of initial filing. Conditionally required if additional supplemental information is required.	
Confidential Information Indicator	1A	18	N/A		
Globally Unique Product Identification Code Qualifier	4AN	19-22	N/A		
Globally Unique Product Identification Code	19X	23-41	N/A		
Intended Use Code	16X	42-57	N/A		
Intended Use Description	22X	58-79	N/A		
Disclaimer	1A	80	N/A		

Record Identifier PG02 (Product Identifier)

This mandatory PGA input record can be used to indicate whether or not the information being provided relates to a product (P) or a component (C) of a product.

Record Identifier PG02 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“ PG”	
Record Type	2N	3-4	M	“02”	
Item Type	1A	5	M	“P”	
Product Code Qualifier	4AN	6-9	N/A		
Product Code Number	19X	10-28	N/A		
Product Code Qualifier	4AN	29-32	N/A		
Product Code Number	19X	33-51	N/A		
Product Code Qualifier	4AN	52-55	N/A		
Product Code Number	19X	56-74	N/A		
Filler	6X	75-80	M	Space fill	

Record Identifier PG24 (Import Code)

This is an optional PGA input record that provides EPA with data pertaining to the import codes found on V&E Form 3520-1.

<i>Record Identifier PG24 (Input)</i>					
Data Element	Length/Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“24”	
Remarks Type Code	3AN	5-7	M	“EP2”	9
Remarks Code	5AN	8-12	C	“O” Conditional based on Remarks Types Code. Mandatory for EP1, EP2, EP3	10
Remarks Text	68X	13-80	C	Conditional based on Remarks Types Code. Mandatory for EP4 and GEN.	

Note 9

List of Remarks Type Codes applicable to EPA-V&E Message Sets

This field indicates when each of the remaining fields on this line is required. If EP1, EP2, or EP3 are used, a “Remarks Code” is required. If EP4 or GEN is used, the “Remarks Text” field is required for further explanation.

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Type Codes	EP1	Vehicles and Engines Bond Exemption
	EP2	EPA Vehicles and Engines Import Code
	EP3	EPA Vehicles and Engines Industry Code
	EP4	EPA Vehicles and Engines Regulation Cited for other exemption
	GEN	General Remarks

Note 10

List of Remarks codes applicable to EPA-V&E Message Sets for 3520-1

The import code designated in this field indicates which additional information may be needed, such as additional PG24 lines with bond exemption status.

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Codes	E1Y	The engine is exempt from Bond
	E1N	The engine is not exempt from Bond
<i>Data Element</i>	<i>Code</i>	<i>Description</i>
<i>Import Codes</i>		
	B	U.S. Certified
	F	U.S. certified, catalyst restoration
	EE	Identical in all material respects to a U.S. certified

		version
	FF	Canadian "identical" models imported for resale or lease
	M	Miscellaneous exemption
	E	Vehicle at least 21 years old
	L	Racing vehicle
	U	2005 model year (or older) motorcycle, scooter or moped with engine displacement less than 50cc and with rated speed greater
	W	Non-chassis-mounted engine
	Y	Unregulated fuel
	G	Imported for repair or alteration
	I	Imported for testing purposes
	K	Imported for display
	N	Imported for up to one year by a member of the armed forces or personnel of a foreign government on assignment to the U.S.
	O	Imported by non-resident for personal use by and individual for a period up to a year
	A	Imported by an ICI for modifications in accordance with a valid EPA certificate of conformity
	C	Imported by an ICI for modification and testing in accordance with 40 CFR 85.1509 (Vehicle over 6 years old)
	J	Imported by an ICI for the purpose of pre-certification testing in order to obtain an EPA certificate of conformity
	Z	Imported by an ICI for purpose of modifying to be identical to an original equipment manufacturer certified version
	H	Imported, owned, and controlled directly by an original equipment manufacturer (OEM), research, development or testing purposes
	Q	Imported, owned, and controlled directly by an original equipment manufacturer (OEM), for storage pending receipt of applicable EPA



Record Identifier PG07 (Product Details)

This is a conditional PGA input record that provides EPA with data pertaining to Name, Model, Manufacture Year, and Item Identity Number.

<i>Record Identifier PG07 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“07”	
Trade Name/Brand Name	35X	5-39	N/A		
Model	15X	40-54	M	“LP700-4”	
Manufacture Month and Year	6N	55-60	M	“052013”	
Item Identity Number Qualifier	3AN	61-63	M	“AKG”	1
Item Identity Number	17X	64-80	M	“ZHWUU16M4CLAU5577”	

Note 1

List of Item Identity Number Qualifier codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Item Identity Number Qualifier Codes	ENN	Engine Number
	MN	Model Number
	SE	Serial Number
	RN	Registered Number
	AKG	Vehicle Identification Number (VIN)

Record Identifier PG14 (License, Permits, Certificates, or Other)

This is a conditional PGA input record which provides EPA with data pertaining to Licenses, Permits, Certificates or Other (LPCO) issued by EPA and other government entities.

<i>Record Identifier PG14 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“14”	
LPCO Transaction Type	1N	5	M	“1”	2
LPCO Type	3AN	6-8	M	“EP9”	3
LPCO Number (or Name)	33X	9-41	M	“2013-June-LD-NONRES-450”	
LPCO Date Qualifier	1N	42	N/A		
LPCO Date	8N	43-50	N/A		
LPCO Quantity	16N	51-66	N/A		
LPCO Unit of Measure	5AN	67-71	N/A		
Exemption Code	9X	72-80	N/A		

Note 2

List of LPCO Transaction Type codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
LPCO Transaction Type Codes	1	Single Use
	2	Continuous
	3	General

Note 3

List of LPCO Transaction codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
LPCO Transaction Codes	EP4	Test Group Name/ Number
	EP7	EPA Bond Policy Number
	EP8	EPA Registration Number
	EP9	EPA Vehicles and Engines Exemption Number

Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“19”	
Entity Role Code	3AN	5-7	M	“IM”	4
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	N/A		
Entity Name	32X	26-57	N/A		
Entity Address 1	23X	58-80	M	“1234 MAPLELEAF AVENUE”	

Note 4

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG20 (Address)

This is a conditional PGA input record that provides additional data pertaining to Entity identification such as Entity Address line 2, Apartment/Suite, City, State, and Zip/Postal Code.

<i>Record Identifier PG20 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“20”	
Entity Address 2	32X	5-36	N/A		
Entity Apartment Number/Suite Number	5X	37-41	N/A		
Entity City	21X	42-62	M	“SAN DIEGO”	
Entity State/Province	3AN	63-65	M	“CA”	
Entity Country	2A	66-67	M	“US”	
Entity Zip/Postal Code	9X	68-76	M	“92169”	
Filler	4X	77-80	M	Space fill	

Record Identifier PG21 (Point of Contact)

This is a conditional PGA input record that provides EPA with data about an Individual who may also be related to an entity (the party) in the PG19. Included in this record are the Individual Name, Telephone Number, Fax Number, and Email address.

<i>Record Identifier PG21 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“21”	
Individual Qualifier	3AN	5-7	M	“IM”	5
Individual Name	23X	8-30	M	“ANGELO GIOVANNI”	
Telephone Number of the Individual	15N	31-45	C	“5551230123” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	
Email Address or Fax Number for the Individual	35X	46-80	C	“ANGELO.GIOVANNI@TEST.COM” Conditional – current submission is voluntary pending required reporting via EPA rulemaking.	

Note 5

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG55 (Additional Roles)

This is a conditional PGA input record used to provide additional roles performed by an entity or individual previously listed in a PG19/20/21.

<i>Record Identifier PG55 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“55”	
Entity Role Code	3AN	5-7	C	“CI”	6
Entity Role Code	3AN	8-10	C	“DFP”	6
Entity Role Code	3AN	11-13	C		
Entity Role Code	3AN	14-16	C		
Entity Role Code	3AN	17-19	C		
Entity Role Code	3AN	20-22	C		
Entity Role Code	3AN	23-25	C		
Entity Role Code	3AN	26-28	C		
Entity Role Code	3AN	29-31	C		
Entity Role Code	3AN	32-34	C		
Filler	46X	35-80	M	Space fills.	

Note 6

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG22 (Document Identifier / Certification)

This is a conditional PGA input record that provides data pertaining to Importers Substantiating Documents, Document Identifiers, Conformance Declarations, and Declaration Certifications. This record can be repeated if more than one Document Identifier or Conformance Declaration is needed.

Record Identifier PG22 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“22”	
Importers Substantiating Signed Document /Signed Confirmation Letter	1A	5	C		
Document Identifier	7AN	6-12	M	“942”	7
Conformance Declaration	5X	13-17	C		
Entity Role Code	3AN	18-20	M	“CI”	
Declaration Code	4AN	21-24	M	“EP2”	8
Declaration Certification	1A	25	M	“Y”	
Date of Signature	8N	26-33	M	“04212014”	
Invoice Number	17X	34-50	N/A		
Compliance Description	30X	51-80	N/A		

Note 7

List of Document Identifiers applicable to EPA-V&E Message Sets

Data Element	Code	Description
Document Identifiers	942	EPA 3520-1
	943	EPA 3520-21

Note 8

List of Declaration codes applicable to EPA-V&E Message Sets

Data Element	Code	Description
Declaration Codes	EP1	Certification Statement (EPA 3520-21)
	EP2	Certification Statement (EPA 3520-1)

V&E Sample 2

A shipment containing Toyota Engines for off-road use is imported into the United States. Because these engines are intended for off-road use, the Import files the Entry under the EPA-V&E Form 3520-21.

EPA-V&E Data Map from Existing V&E Form 3520-21:

EPA United States Environmental Protection Agency Engine Declaration Form
Importation of Engines, Vehicles, and Equipment Subject to Federal Air Pollution Regulations
U.S. EPA, Certification & Compliance Division, 2000 Treenwood Dr., Ann Arbor, Michigan 48105. (734) 214-4100; imports@epa.gov; www.epa.gov/otaq/imports/

This form must be prepared by the importer for each imported stationary, nonroad or heavy-duty highway engine, including engines incorporated into vehicles or equipment. Note that references in this form to engines generally include vehicles or equipment if they are subject to equipment-based standards. One form per engine or group of engines in a shipment may be used, with attachments including all information required to fully describe each engine as below. Provide a duplicate form and attachments to the U.S. Customs and Border Protection (CBP) upon request (42 U.S.C. 7522, 7601, 19 CFR 12.73 or 12.74). This form must be retained for five years from the date of entry (19 CFR 163.4). Additional requirements may apply in California. NOTE: While certain imports require specific written authorization from EPA, CBP may request EPA review of importer documentation and eligibility for any import using this form. For light-duty motor vehicles, highway motorcycles, and the corresponding engines, use form 3520-1. This form does not apply to aircraft engines.

Identify the type of highway, nonroad, or stationary engine, vehicle, or equipment you are importing from the following list of products:

- ☐ A. Heavy-duty highway engines (for use in motor vehicles with gross vehicle weight rating above 8500 pounds). See 40 CFR parts 85 and 86.
- ☐ B. Locomotives or locomotive engines. See 40 CFR parts 1033 and 1068.
- ☐ C. Marine compression-ignition engines. See 40 CFR part 94 or 40 CFR parts 1042 and 1068. This includes propulsion engines and auxiliary engines installed on marine vessels.
- ☐ D. Other nonroad compression-ignition engines. See 40 CFR part 89 or 40 CFR parts 1039 and 1068.
- ☐ E. Marine spark-ignition engines. See 40 CFR parts 1045 and 1068.
- ☐ F. Recreational engines and vehicles, including snowmobiles, off-highway motorcycles, all-terrain vehicles, and offroad utility vehicles that are subject to 40 CFR parts 1051 and 1068.
- ☒ G. Other nonroad spark-ignition engines at or below 19 kW (or at or below 30 kW if total displacement is at or below 1000 cc). See 40 CFR part 90 or 40 CFR parts 1054 and 1068. **PG24**
- ☐ H. Stationary spark-ignition engines above 19 kW (or above 30 kW if total displacement is at or below 1000 cc). See 40 CFR parts 1048 and 1068.
- ☐ I. Stationary compression-ignition engines. See 40 CFR part 60, subpart IIII.
- ☐ J. Stationary spark-ignition engines. See 40 CFR part 60, subpart JJJJ.

Which you are importing the engine, vehicle, or equipment:

- ☒ 1. U.S. certified engine or engine installed in a certified vehicle, covered by a valid U.S. EPA certificate of conformity and bearing a U.S. EPA label. **PG24**
- ☐ 2. National security. Importing a labeled (where applicable) engine subject to the provisions of 40 CFR 1068.315(a). For certain types of tactical equipment, this exemption may require prior EPA approval.
- ☐ 3. Manufacturer-owned engine. Importing a labeled engine by an engine manufacturer holding a current U.S. EPA certificate of conformity, subject to the provisions of 40 CFR 1068.315(b) or 85.1706.
- ☐ 4. Replacement engine. Importing a labeled engine by an engine manufacturer holding a current U.S. EPA certificate of conformity subject to the provisions of 40 CFR 1068.315(c) or 85.1714. This exemption does not apply to locomotive engines.
- ☐ 5. Extraordinary circumstances/hardship. Importing a labeled engine subject to the provisions of 40 CFR 1068.315(d), 85.1511(c)(2) or 1033.620. An EPA letter of approval must be attached.
- ☐ 6. Hardship for small-volume manufacturers. Importing a labeled engine subject to the provisions of 40 CFR 1068.315(e). An EPA letter of approval must be attached to this form.
- ☐ 7. Equipment-manufacturer hardship. Importing a labeled engine subject to the provisions of 40 CFR 1068.315(f) or 1033.620. This may also apply to secondary engine manufacturers. An EPA letter of approval must be attached to this form.
- ☐ 8. Identical configuration. Importing an engine subject to the provisions of 40 CFR 1068.315(h). Such an engine must be identical in all material respects to a U.S.-certified version as demonstrated by letter from the engine-manufacturer contact on the CBP list, subject to EPA review at CBP's discretion. This exemption does not apply to locomotives or to stationary, highway, or marine compression-ignition engines. The applicable regulations may require that you own the engine for a certain period before and after importation.
- ☐ 9. Ancient engine. Importing an engine first manufactured at least 21 years earlier that is still in its original configuration, subject to the provisions of 40 CFR 1068.315(i). This exemption does not apply to locomotives or to stationary, highway, or marine engines.

Temporary Exemptions for Nonconforming Engines

The following temporary exemptions apply for importing nonconforming engines. EPA requests bonding with the U.S. Customs and Border Protection for the full value of the imported products to make sure you comply with applicable requirements.

- ☐ 10. Repairs or alterations. Importing an engine for repair or alteration subject to the provisions of 40 CFR 1068.325(a) or 85.1511(b)(1). An EPA letter of approval must be attached.
- ☐ 11. Testing. Importing an engine for testing subject to the provisions of 40 CFR 1068.325(b) or 85.1511(b)(2). Appropriate labeling is required for some engines and recommended for all engines. An EPA letter of approval must be attached.
- ☐ 12. Display. Importing an engine for display subject to the provisions of 40 CFR 1068.325(c) or 85.1511(b)(4). Appropriate labeling is required for some engines and recommended for all engines. An EPA letter of approval must be attached.
- ☐ 13. Export. Importing an engine for eventual export, subject to the provisions of 40 CFR 1068.325(d) or 85.1709. NOTE: The engine and/or shipping container must be labeled or tagged to identify them as solely for export.
- ☐ 14. Diplomatic or military. Importing an engine subject to the provisions of 40 CFR 1068.325(e) or 85.1511(d). This exemption is limited to members of the armed forces or personnel of a foreign government on assignment to the U.S. for whom free entry has been authorized in writing by the U.S. Department of State, or for members of the armed forces of a foreign country with official orders for duty in the U.S. This exemption does not apply to locomotive or marine compression-ignition engines. An EPA letter of approval may be required.
- ☐ 15. Delegated assembly. Importing a labeled engine for delegated assembly subject to the provisions of 40 CFR 1068.325(f), 85.1713, or 1033.630. This exemption does not apply to handheld spark-ignition engines or engines for recreational vehicles.
- ☐ 16. Partially complete engine. Importing an engine not yet in its final configuration covered by a certificate of conformity (or an engine that will be installed in a vehicle covered by a certificate of conformity), subject to the provisions of 40 CFR 1068.325(g). This also applies to an engine covered by a valid exemption. A certificate holder may also import a partially complete engine from its foreign facility to its U.S. facility as described in 40 CFR 1068.325(g).

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Industry Code:

Identifies the type of highway, non-road or stationary engine/ vehicle found on the PG24 line in space 8, and identified by the code "EP2" in Space 5 to 7.

Import Code:

Code identifying the Provision under which you are importing the Commodity found on the PG24 line in space 8, and identified by the code "EP3" in space 5 to 7.

Bond Exemption:

Code identifying if the commodity is exempt from bond and found on a PG24 line in spaces 8 to 10, and identified by the code "EP1" in space 5 to 7.



NAIC # / State: The Bond Issuer NAIC # and State of Issue are found on a PG19/20 group and Identified by the code “NAI” in spaces 5 to 7 of the PG19.

Importation of Engines Excluded from U.S. EPA Emission Standards			
<input type="checkbox"/> 17. Engine manufactured before emission standards started to apply. These engines must generally have already been placed into service. See the attached schedule. Note that 40 CFR 1068.360 disallows importation of new engines not certified to current standards if the model year is more than one year before the year of importation.			
<input type="checkbox"/> 18. Competition engine. The engine must be used solely for competition, subject to the provisions of 40 CFR 1068.310(a) or 85.1511(e). An EPA letter of approval must be attached.			
<input type="checkbox"/> 19. Stationary compression-ignition engine with displacement at or above 30 liters per cylinder or stationary spark-ignition engine above 15 kW that is not designed to run on gasoline or, if rich-burn, on liquefied petroleum gas. These stationary engines are subject to EPA emission standards under 40 CFR Subparts IIII and JJJJ, but are not required to be certified. The engine must be used in a stationary manner. See 40 CFR 60.4219, 60.4248 and 1068.310(b). The engine must be labeled as described in 40 CFR 1039.20 or 1048.20, as applicable. NOTE: Stationary engines may be subject to state or local regulations.			
<input type="checkbox"/> 20. Underground mining. Engine must be used in underground mining and regulated by the Mining Safety and Health Administration (MSHA). See 40 CFR 89.1 and 1039.5; see also 30 CFR parts 7, 31, 32, 36, 56, 57, 70, and 75. For compression-ignition engines only.			
<input type="checkbox"/> 21. Hobby engine. Engine must be used to power a reduced-scale model of a vehicle not capable of transporting a person. See 40 CFR 1068.310(c).			
Exemptions for Specific Engine Categories or Other Special Cases			
<input type="checkbox"/> 22. Transition Program for Equipment Manufacturers. Importing a piece of equipment, subject to the provisions of 40 CFR 89.102 or 40 CFR 1039.625 and 1039.626 (Category D) or 40 CFR 1054.625 and 1054.626 (Category G, 2011 through 2014). Maximum engine power (only for compression-ignition engines): <input type="checkbox"/> kW <input type="checkbox"/> HP (or identify the regulatory power category). Exempt from bond? <input type="checkbox"/> If not exempt, NAIC # for bond issuer: _____, policy number: _____, state of issue: _____.			
<input type="checkbox"/> 23. Personal-use exemption for small spark-ignition engines. Importing three or fewer nonroad spark-ignition engines at or below 19 kW for purposes other than resale, where the importer has not used this exemption in the previous five years, subject to the provisions of 40 CFR 1054.630.			
<input type="checkbox"/> 24. Engine imported by an Independent Commercial Importer recognized by EPA. Only for Categories A and D above.			
<input type="checkbox"/> 24a. For modification under an EPA certificate issued for the specific make, model, and model year under 40 CFR 85.1505, 89.605 or 1039.660.			
<input type="checkbox"/> 24b. For modification and testing according to 40 CFR 85.1509, 89.609, or 1039.660. NOTE: The imported engine must be at least 5 years old.			
<input type="checkbox"/> 24c. For pre-certification testing to obtain an EPA certificate under 40 CFR 85.1511(b)(3), 89.611(b)(3), or 1039.660. NOTE: CBP bond is required. Specify location of storage (required for 24a and 24b): _____			
NOTE: Under 24a and 24b, you may import up to five highway engines and five nonroad engines in a given model year that are certified to standards based on an engine's original production year. You may import any number of engines certified to standards that apply based on the year the engine is modified. See 40 CFR 85.1503 and 89.603.			
<input type="checkbox"/> 25. Other exemption. Describe the exemption, attach EPA approval (if applicable), and identify the regulatory cite: _____			
Declaration of Stationary, Nonroad or Heavy-duty Highway Engine, Nonroad Vehicle or Equipment, or Stationary Equipment			
Port code: 9842 Format: 9999	CBP entry no: BDC-1923874-2 Format: XXX-9999999-9	Entry date: 02/01/2014 Format: mm/dd/yyyy	Engine manufacturer, model and serial number of each engine; for certified engines or engines that are engine family name: PG19 PG07 PG08 PG14 Toyota 8M1001, ENNMHC-874200, ENNMHC-874201, ENNMHC-874202, ENNMHC-874203, ENNMHC-874204, ENNMHC-874205, ENNMHC-874206, ENNMHC-874207, EPAW01GABC-772
Identify the engine (or vehicle) build date: 12 month 2013 year x on engine <input type="checkbox"/> other (explain) PG07		Vehicle or equipment manufacturer, model, serial number, and type of equipment (if applicable):	
Names, Addresses, and Telephone Numbers of Relevant Parties			
Certification: I certify that I have read and understand the purpose of this form, the penalties for falsely declaring information, for providing misleading information, or for concealing a material fact. The information I have provided is correct, and all required attachments are appended to this form. I authorize EPA Enforcement Officers to conduct inspections or testing permitted by the Clean Air Act. I am the owner, the importer, or an agent of the owner or importer. PG22			
Signature: PG22	Printed name: Jane Smith PG19	Date: 01/27/2014 Format: mm/dd/yyyy PG22	
Identify the name, address, phone number, and e-mail address for the importer, broker, and owner as applicable:			
Importer (required): Jane Smith 1234 Peachtree Street Atlanta, GA 30301, US (706) 234-5678 jane.smith@toyotaamerica.com PG19	Broker (optional):	Owner (optional):	

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Bond Policy #:

The Bond Policy number is located on a PG14 in spaces 9 to 14, and identified by the code “EP7” in spaces 6 to 8.

Manufacturer:

Manufacturer information is located on a PG19 in spaces 26 to 57, and identified by the code “MF” in space 5 to 6.

Model: The model name is located on a PG07 line in spaces 40 to 54.

Engine Serial Number: The first Serial Number is located on a PG07 line in spaces 64 to 80, and identified by the code “ENN” in spaces 61 to 63, while all other serial numbers are located on the consecutive PG08s.

Engine Family Name: The engine family name/ number is located on a PG14 line in spaces 9-41 and identified by the code “EP7” in spaces 6 to 8.

Build Date: The manufacture date is found on a PG07 line in spaces 55 to 60.

Certification Statement: The certification statement is represented by the code “EP1” in spaces 21 to 23 on the PG22 line.



Signature: The signature of the individual certifying the PGA Data is found on the PG22 line, represented by the code “Y”.

Printed Name: Printed name (certifying individual) information is represented by a PG 19, 20, and 21 set.

Date: Date certification was signed is located on the PG22 line in spaces 26 to 33.

Importer: Because the Importer is the same as the Certifying Individual, a PG 55 record is used rather than duplicating a PG19, 20, 21 group.

Record Identifier OI (Input)

This is a mandatory Partner Government Agency line item description input record that provides the description of the item. This record precedes the Record Identifiers for the PGA Message set.

<i>Record Identifier OI (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“OI”	
Filler	8AN	3-10	M	Space fills.	
Commercial Description	70X	11-80	M	“CERTIFIED TOYOTA ENGINES”	

Record Identifier PG01 (PGA Identifier)

This is a mandatory PGA input record that provides data pertaining to the PGA Line Number, Agency Code, Agency Program Code, and whether a document was sent via DIS.

Record Identifier PG01 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“01”	
PGA Line Number	3N	5-7	M	“001”	
Government Agency Code	3AN	8-10	M	“EPA”	
Government Agency Program Code	3X	11-13	M	“VNE”	
Government Agency Processing Code	3AN	14-16	N/A		
Electronic Image Submitted	1A	17	N/A		
Confidential Information Indicator	1A	18	N/A		
Globally Unique Product Identification Code Qualifier	4AN	19-22	N/A		
Globally Unique Product Identification Code	19X	23-41	N/A		
Intended Use Code	16X	42-57	N/A		
Intended Use Description	22X	58-79	N/A		
Disclaimer	1A	80	N/A		

Record Identifier PG02 (Product Identifier)

This mandatory PGA input record is used to indicate whether or not the information being provided relates to a product (P) or a component (C) of a product.

Record Identifier PG02 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“02”	
Item Type	1A	5	M	“P”	
Product Code Qualifier	4AN	6-9	N/A		
Product Code Number	19X	10-28	N/A		
Product Code Qualifier	4AN	29-32	N/A		
Product Code Number	19X	33-51	N/A		
Product Code Qualifier	4AN	52-55	N/A		
Product Code Number	19X	56-74	N/A		
Filler	6X	75-80	M	Space fill	

Record Identifier PG24 (Industry Code)

This is an optional PGA input record that provides EPA with data pertaining to the industry codes found on V&E Form 3520-21.

<i>Record Identifier PG24 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“24”	
Remarks Type Code	3AN	5-7	M	“EP3”	18
Remarks Code	5AN	8-12	C	“G” Conditional based on Remarks Types Codes. Mandatory for EP1, EP2, EP3	19
Remarks Text	68X	13-80	C	Conditional based on Remarks Types Codes. Mandatory for EP4 and GEN.	

Note 18

List of Remarks Type Codes for Import Code (EP2) applicable to EPA-V&E Message Sets
This field indicates when each of the remaining fields on this line is required. If EP1, EP2, or EP3 are used, a Remarks Code is required. If EP4 or GEN is used, the Remarks Text field is required for further explanation.

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Type Codes	EP1	Vehicles and Engines Bond Exemption
	EP2	EPA Vehicles and Engines Import Code
	EP3	EPA Vehicles and Engines Industry Code
	EP4	EPA Vehicles and Engines Regulation Cited for other exemption
	GEN	General Remarks

Note 19

Refer previous PG24 Record Identifier (Note 17) for a list of Remarks codes applicable to EPA-V&E Message Sets for Form 3520-21.



Record Identifier PG24 (Import Code)

This is an optional PGA input record that provides EPA with data pertaining to the import codes found on V&E Form 3520-21.

<i>Record Identifier PG24 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“24”	
Remarks Type Code	3AN	5-7	M	“EP2”	16
Remarks Code	5AN	8-12	C	“1” Conditional based on Remarks Types Codes. Mandatory for EP1, EP2, EP3	17
Remarks Text	68X	13-80	C	Conditional based on Remarks Types Codes. Mandatory for EP4 and GEN.	

Note 16

List of Remarks Type Codes for Import Code (EP2) applicable to EPA-V&E Message Sets
This field indicates when each of the remaining fields on this line is required. If EP1, EP2, or EP3 are used, a Remarks Code is required. If EP4 or GEN is used, the Remarks Text field is required for further explanation.

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Type Codes	EP1	Vehicles and Engines Bond Exemption
	EP2	EPA Vehicles and Engines Import Code
	EP3	EPA Vehicles and Engines Industry Code
	EP4	EPA Vehicles and Engines Regulation Cited for other exemption
	GEN	General Remarks

Note 17

List of Remarks codes applicable to EPA-V&E Message Sets for 3520-21

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Codes	E1Y	The engine is exempt from Bond
	E1N	The engine is not exempt from Bond
Import Codes		
		Permanent exemptions for Nonconforming Engines
Remarks Codes	1	U.S certified engine or engine installed in a certified vehicle
	2	National Security
	3	Manufacturer-owned engine

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
	4	Replacement engine
	5	Extraordinary circumstances/hardship
	6	Hardship for small volume manufacturers
	7	Equipment-manufacturer hardship
	8	identical configuration
	9	ancient engine
		Temporary Exemptions for Nonconforming Engines
Remarks Codes	10	Repairs or alterations
	11	Testing
	12	Display
	13	Export
	14	Diplomatic or military
	15	Delegated assembly
	16	Partially complete engine
		Importation of Engines Excluded from U.S. EPA Emission Standards
	17	Engine manufactured before emission standards started to apply
	18	Competition engine
	19	Stationary compression-ignition engine with displacement at or above 30 liters per cylinder or stationary spark-ignition engine above 19kW that is not designed to run on gasoline or, if rich-burn, on liquefied petroleum gas.
	20	Underground mining
	21	Hobby engine
		Exemptions for Specific Engine Categories or Other Special Cases
	22	Transition program for equipment manufacturers
	23	Personal-use exemption for small spark-ignition engines
	24	Engine imported by an independent commercial importer recognized by EPA
	25	Other exemption
Industry Codes		
Remarks Codes	A	Heavy-duty highway engines (for use in motor vehicles with gross vehicle weight rating above 8500LBS)
	B	Locomotives or locomotive engines
	C	Marine compression-ignition engines
	D	Other non-road compression-ignition engines
	E	Marine spark-ignition engines



<i>Data Element</i>	<i>Code</i>	<i>Description</i>
	F	Recreational engines and vehicles, including snowmobiles, off-highway motorcycles, all-terrain vehicles, and off-road utility vehicles
	G	Other non-road spark-ignition engines at or below 19kW or below 30kW if total displacement is at or below 1000cc
	H	Other non-road spark-ignition engines above 19kW
Remarks Codes	I	Stationary compression-ignition engines
	J	Stationary Spark-ignition engines

Record Identifier PG24 (Bond Remarks Code)

This is an optional PGA input record that provides EPA with data pertaining to the import/industry codes found on V&E Form 3520-21.

<i>Record Identifier PG24 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“24”	
Remarks Type Code	3AN	5-7	M	“EP1”	14
Remarks Code	5AN	8-12	C	“E1N” Conditional based on Remarks Types Codes. Mandatory for EP1, EP2, EP3	15
Remarks Text	68X	13-80	C	Conditional based on Remarks Types Codes. Mandatory for EP4 and GEN.	

Note 14

List of Remarks Type applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Type Codes	EP1	Vehicles and Engines Bond Exemption
	EP2	EPA Vehicles and Engines Import Code
	EP3	EPA Vehicles and Engines Industry Code
	EP4	EPA Vehicles and Engines Regulation Cited for other exemption
	GEN	General Remarks

Note 15

List of Remarks Type Codes for Bond Exemptions (EP1) applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Remarks Type Codes	E1Y	Exempt from Bond
	E1N	Not Exempt from Bond

Record Identifier PG07 (Product Details)

This is a conditional PGA input record that provides EPA with data pertaining to Model, Manufacture Year, and Item Identity Numbers. This record may be used to set up the schema for multiple commodity identifiers, which are in the PG08.

<i>Record Identifier PG07 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“07”	
Trade Name/Brand Name	35X	5-39	N/A		
Model	15X	40-54	C	“EM1001” Conditional based on the type of product, if a product has a Model Name, it is required to be reported.	
Manufacture Month and Year	6N	55-60	M	“122013”	
Item Identity Number Qualifier	3AN	61-63	M	“ENN”	1
Item Identity Number	17X	64-80	M	“MH0-874200”	

Note 1

List of Item Identity Number Qualifier codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Item Identity Number Qualifier Codes	ENN	Engine Number
	MN	Model Number
	SE	Serial Number
	RN	Registered Number
	AKG	Vehicle Identification Number (VIN)



Record Identifier PG08 (Additional Item Identity Numbers)

This is a conditional PGA input record that is used to report multiple item identity numbers such as vehicle identification numbers (VIN), engine numbers, or serial numbers related to the item described in PG07.

<i>Record Identifier PG08 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“08”	
Item Identity Number	17X	5-21	C	“MH0-874201” Conditional – This record is used to report additional Engine Serial numbers or VIN numbers to the specific PGA message set.	
Item Identity Number	17X	22-38	C	“MH0-874202”	
Item Identity Number	17X	39-55	C	“MH0-874203”	
Item Identity Number	17X	56-72	C	“MH0-874204”	
Filler	8X	73-80	M	Spaces fill.	



Record Identifier PG08 (Additional Item Identity Numbers)

This is a conditional PGA input record that is used to report multiple item identity numbers such as vehicle identification numbers (VIN), engine numbers, or serial numbers related to the item described in PG07.

<i>Record Identifier PG08 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“08”	
Item Identity Number	17X	5-21	C	“MH0-874205”	
Item Identity Number	17X	22-38	C	“MH0-874206”	
Item Identity Number	17X	39-55	C	“MH0-874207”	
Item Identity Number	17X	56-72	N/A		
Filler	8X	73-80	M	Spaces fill.	

Record Identifier PG10 (Additional Product Details)

This is a conditional PGA input record that allows for reporting codes that provide additional characteristics of a product or component, not reported elsewhere in the PG Message Set. For example, this record can be used to provide the model year of an automobile, which can be different from the year of manufacture provided in the PG07.

Record Identifier PG10 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“10”	
Category Type Code	6AN	5-10	N/A		
Category Code	5AN	11-15	N/A		
Commodity Qualifier Code	4X	16-19	C	“V05” Conditional based on Import Code.	2
Commodity Characteristic Qualifier	4AN	20-23	C	“ENG” Conditional Based on Import Code and Commodity Qualifier Code.	3
Commodity Characteristic Description	57X	24-80	C	“12/2010” Conditional Based on Import Code and Commodity Qualifier Code.	

Note 2

List of Commodity Qualifier codes applicable to EPA-V&E Message Sets

The type of information regarding the engine that is to be reported is based on the Import Code and Industry Code. This is a Certified Engine installed in a Certified Vehicle (Import Code 1) for a non-road, spark-ignition engine at or below 19kW (Industry Code G). It therefore requires the Manufacture Date and the location of the Manufacture Date.

Data Element	Code	Description
Commodity Qualifier Codes	V03	Engine Power rating
	V05	Manufacture date of the vehicle or engine
	V06	Model year of the vehicle or engine
	ENG	Engine
	VEH	Vehicle
	OTH	Other
	KW	Kilowatts
	HP	Horsepower

Note 3

List of Item Identity Number Qualifier codes applicable to EPA-V&E Message Sets



<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Item Identity Number Qualifier Codes	ENN	Engine Number
	MN	Model Number
	SE	Serial Number
	RN	Registered Number
	AKG	Vehicle Identification Number (VIN)

Record Identifier PG14 (Licenses, Permits, Certificates, or Other)

This is a conditional PGA input record which provides EPA with data pertaining to Licenses, Permits, Certificates or Other (LPCO) issued by EPA and other government entities.

<i>Record Identifier PG14 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“14”	
LPCO Transaction Type	1N	5	M	“1”	4
LPCO Type	3AN	6-8	M	“EP4”	5
LPCO Number (or Name)	33X	9-41	M	“EPAV01.0ABC”	6
LPCO Date Qualifier	1N	42	N/A		
LPCO Date	8N	43-50	N/A		
LPCO Quantity	16N	51-66	N/A		
LPCO Unit of Measure	5AN	67-71	N/A		
Exemption Code	9X	72-80	N/A		

Note 4

List of LPCO Transaction Type codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
LPCO Transaction Type Codes	1	Single Use
	2	Continuous
	3	General

Note 5

List of LPCO Transaction codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
LPCO Transaction Codes	EP4	Test Group Name/Number
	EP7	EPA Bond Policy Number
	EP8	EPA Registration Number
	EP9	EPA Vehicles and Engines Exemption Number

Note 6

The Engine Family/Test Group name is also used to represent the Certificate of Conformity number.

Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“19”	
Entity Role Code	3AN	5-7	M	“MF”	7
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	N/A		
Entity Name	32X	26-57	M	TOYOTA (JAPAN)	
Entity Address 1	23X	58-80	N/A		

Note 7

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“19”	
Entity Role Code	3AN	5-7	M	“CI”	8
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	N/A		
Entity Name	32X	26-57	M	“TOYOTA NORTH AMERICA” Conditional – If phone number for Entity is not provided in PG21, address must be provided.	
Entity Address 1	23X	58-80	M	“1234 PEACHTREE STREET”	

Note 8

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG20 (Address)

This is a conditional PGA input record that provides additional data pertaining to Entity identification such as Entity Address line 2, Apartment/Suite, City, State, and Zip/Postal Code.

<i>Record Identifier PG20 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“20”	
Entity Address 2	32X	5-36	C	Conditional - Provides additional address information for CI.	
Entity Apartment Number/Suite Number	5X	37-41	C	Conditional - Provides additional address information for CI.	
Entity City	21X	42-62	M	“ATLANTA”	
Entity State/Province	3AN	63-65	M	“GA”	
Entity Country	2A	66-67	M	“US”	
Entity Zip/Postal Code	9X	68-76	M	“30301”	
Filler	4X	77-80	M	Space fill	

Record Identifier PG21 (Point of Contact)

This is a conditional PGA input record that provides EPA with data about an Individual and may also be related to an entity (the party) in the PG19. Included in this record are the Individual Name, Telephone Number, Fax Number, and Email address.

<i>Record Identifier PG21 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“ PG”	
Record Type	2N	3-4	M	“21”	
Individual Qualifier	3AN	5-7	C	“CI”	9
Individual Name	23X	8-30	C	“JANE SMITH”	
Telephone Number of the Individual	15N	31-45	C	“7062345678” Conditional – If phone number for Entity is not provided in PG21, address must be provided.	
Email Address or Fax Number for the Individual	35X	46-80	C	“JANE.SMITH@TOYOTAAMERICA.COM” Conditional – Voluntary pending EPA policy changes.	

Note 9

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG55 (Additional Roles)

This is a conditional PGA input record used to provide additional roles performed by an entity or individual previously listed in a PG19/20/21.

<i>Record Identifier PG55 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“55”	
Entity Role Code	3AN	5-7	C	“IM”	10
Entity Role Code	3AN	8-10	N/A		
Entity Role Code	3AN	11-13	N/A		
Entity Role Code	3AN	14-16	N/A		
Entity Role Code	3AN	17-19	N/A		
Entity Role Code	3AN	20-22	N/A		
Entity Role Code	3AN	23-25	N/A		
Entity Role Code	3AN	26-28	N/A		
Entity Role Code	3AN	29-31	N/A		
Entity Role Code	3AN	32-34	N/A		
Filler	46X	35-80	M	Spaces fill.	

Note 10

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee

Record Identifier PG19 (Entity)

This is a conditional PGA input record that provides EPA with data pertaining to Entity Role, Entity Identification, Entity Name, and Entity Address 1.

<i>Record Identifier PG19 (Input)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“19”	
Entity Role Code	3AN	5-7	C	“NAI” Conditional based on Import Code and Bond Exemption Status.	11
Entity Identification Code	3AN	8-10	N/A		
Entity Number	15X	11-25	C	23456 Conditional based on Import Code and Bond Exemption Status.	
Entity Name	32X	26-57	N/A		
Entity Address 1	23X	58-80	N/A		

Note 11

List of Entity Role codes applicable to EPA-V&E Message Sets

<i>Data Element</i>	<i>Code</i>	<i>Description</i>
Entity Role Codes	IM	Importer
	DFP	Owner
	DEQ	Shipper
	STL	Storage Location
	CI	Certifying Individual
	NAI	NAIC Bond Issuer
	UC	Ultimate Consignee



Record Identifier PG20 (Address)

This is a conditional PGA input record that provides additional data pertaining to Entity identification such as Entity Address line 2, Apartment/Suite, City, State, and Zip/Postal Code.

Record Identifier PG20 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“20”	
Entity Address 2	32X	5-36	N/A		
Entity Apartment Number/Suite Number	5X	37-41	N/A		
Entity City	21X	42-62	N/A		
Entity State/Province	3AN	63-65	C	“GA” Conditional based on Import Code and Bond Exemption Status.	1
Entity Country	2A	66-67	N/A		
Entity Zip/Postal Code	9X	68-76	N/A		
Filler	4X	77-80	M	Space fill	

Note 1

If the Import Code requires a bond, and the bond exemption status is “No,” the state of issue of the bond is required as part of the bond information. This PG20 provides the state of issue for the bond.

Record Identifier PG22 (Document Identifier / Certification)

This is a conditional PGA input record that provides data pertaining to Importers Substantiating Documents, Document Identifiers, Conformance Declarations, and Declaration Certifications. This record can be repeated if more than one Document Identifier or Conformance Declaration is needed.

Record Identifier PG22 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	“PG”	
Record Type	2N	3-4	M	“22”	
Importers Substantiating Signed Document /Signed Confirmation Letter	1A	5	N/A		
Document Identifier	7AN	6-12	M	“943”	12
Conformance Declaration	5X	13-17	N/A		
Entity Role Code	3AN	18-20	M	“CI”	
Declaration Code	4AN	21-24	M	“EP1”	13
Declaration Certification	1A	25	M	“Y”	
Date of Signature	8N	26-33	M	“01272014”	
Invoice Number	17X	34-50	N/A		
Compliance Description	30X	51-80	N/A		

Note 12

List of Document Identifiers applicable to EPA-V&E Message Sets

Data Element	Code	Description
Document Identifiers	942	EPA 3520-1
	943	EPA 3520-21

Note 13

List of Declaration codes applicable to EPA-V&E Message Sets

Data Element	Code	Description
Declaration Codes	EP1	Certification Statement (EPA 3520-21)
	EP2	Certification Statement (EPA 3520-1)